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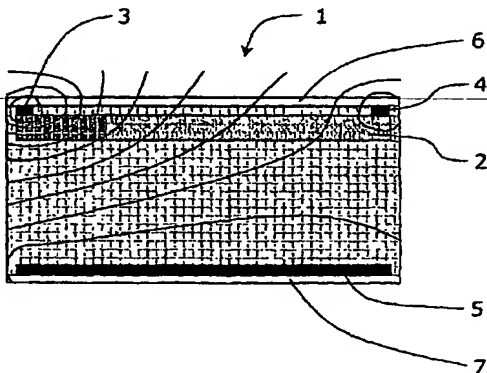
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(54) Title: **AN ELECTROCHROMIC DISPLAY WITH ANALOG INTRINSIC FULL COLOR PIXELS**



(57) **Abstract:** A display device comprising a plurality of independently addressable pixels (1). Each pixel comprises: a first substrate (6); a second substrate (7); a polyelectrochromic material (2) disposed between said first substrate (6) and said second substrate (7). At least two independent electrodes (3, 4) are associated with said first substrate (6). An independent counter-electrode (5) is associated with said second substrate (7). Each respective electrode is connected to an independently controllable voltage source. The display device has means for controlling the voltage applied to each respective electrode (3, 4, 5) for producing non-uniform electric fields in each pixel (1), for causing partial switching of the polyelectrochromic material (2) from a first color state to a second color state to generate an area ratio defined pixel color state.

